

ITEM:

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SUBJECT:

Uncontested Waste Discharge Requirements

REPORT:

Following are the proposed waste discharge requirements that prohibit discharge to surface waters. All agencies and the dischargers concur or have offered no comments. Items indicated as updates on the summary agenda make the requirements consistent with current plans and policies of the Board.

a. **COUNTY OF GLENN AND PATRICK FOLEY, TRUSTEE, COLEMAN FOLEY MARITAL TRUST, OPERATION, EVALUATION MONITORING, AND CORRECTIVE ACTION OF GLENN COUNTY CLASS III MUNICIPAL SOLID WASTE LANDFILL, Glenn County**

The County of Glenn operates the Glenn County Class III Municipal Solid Waste Landfill on land owned by Patrick Foley, Trustee of the Coleman Foley Marital Trust. The County of Glenn and Patrick Foley, Trustee of the Coleman Foley Marital Trust are jointly named as Discharger. The 193 acre site consists of one unlined waste management unit covering approximately 87 acres of the property. Low concentrations of several volatile organic compounds have impacted groundwater beneath the site. Waste Discharge Requirements are being revised to require monitoring and corrective action due to confirmed groundwater impacts associated with landfill operations. (DPS)

b. **TIMBER MANAGEMENT SERVICES, INC., FOR CLOSURE AND POST CLOSURE MAINTENANCE OF TWIN BRIDGES CLASS II LANDFILL AND CLASS II SURFACE IMPOUNDMENT, Shasta County**

Timber Management Services Inc. owns and operates Twin Bridges Class II Landfill and Class II Surface Impoundment in Shasta County. The landfill was constructed in 1989 to receive paper-making waste from the former Simpson/Shasta Paper Company Mill. The landfill is situated on a 160-acre parcel, with approximately 25 to 30 acres used for disposal activities and leachate collection/storage. The paper mill is closed and mill waste is no longer generated. Although five disposal cells were proposed for the landfill, only Waste Management Unit No. 1 Phase 1 received waste. A leachate collection and recovery system collects and routes leachate to the Class II surface impoundment. The Discharger has covered the Phase 1 waste cell with an approved engineered cap to reduce the amount of leachate generated by precipitation that percolates through the waste. A lined sedimentation basin was constructed directly south of the Class II leachate pond. Storm water is routed to the sedimentation basin, to allow suspended matter to settle, the storm water is then discharged over a weir to Dry Creek. (KB)

c. **CITY OF GRIDLEY, GRIDLEY WASTEWATER TREATMENT PLANT, Butte County**

The City of Gridley (Discharger) owns and operates the Gridley Wastewater Treatment Plant (WWTP) located approximately 3.3 miles east of the City of Gridley, in Butte County. The WWTP is currently regulated under Waste Discharge Requirements Order No. 99-089. The Discharger proposes to expand the WWTP capacity from 1.05 millions gallons daily (mgd) to 1.7 mgd. The WWTP currently consists of a headworks with flow meter, aeration pond, polishing pond, and four percolation/evaporation ponds. To increase capacity, the Discharger proposes to: replace the current headworks with a spiral self-cleaning screen, replace the aerators and mixers with more powerful models, and replace the interconnecting process piping and pond inlets/outlets to provide adequate hydraulic capacity for peak flows. Ring infiltrometer testing showed that the percolation/evaporation ponds have adequate capacity to handle increasing flows. The WWTP is located approximately 300 feet west of the Feather River. Surface water drainage is to the Feather River. (JMM)

d. **GRIZZLY CREEK GOLF LLC, GRIZZLY CREEK GOLF COURSE IRRIGATION, Plumas County**

The Grizzly Creek Golf, LLC (hereafter User), owns a 18-hole golf course and proposes to use disinfected tertiary recycled water from the Grizzly Ranch Community Services District (hereafter Producer) Wastewater Treatment Plant to irrigate the golf course. The User proposes to apply approximately 29.2 million gallons per year of disinfected tertiary recycled water for irrigation. The Producer is regulated under Order No. R5-2005-0170, for the discharge of treated wastewater to Big Grizzly Creek during the winter months. Surface water drainage from the site is to Big Grizzly Creek, which is tributary to the Middle Fork of the Feather River. (GDC)

e. **THE RUMSEY BAND OF WINTUN INDIANS, CACHE CREEK GOLF CLUB WATER RECLAMATION PROJECT, Yolo County**

The Rumsey Band of Wintun Indians owns and operates a wastewater treatment facility (WWTF) that serves the Cache Creek Casino Resort and Hotel in western Yolo County. The Discharger is constructing the Cache Creek Golf Club, and plans to use reclaimed tertiary disinfected wastewater to irrigate the golf course. The WWTF design flow is 225,000 gallons per day (gpd) as an average daily flow. A microfiltration membrane bioreactor system provides tertiary treatment, and the effluent is filtered prior to chlorine disinfection. The treated effluent will be reclaimed to irrigate the golf course, which is along the western bank of Cache Creek. Reclaimed water will supply approximately 44 percent of the total golf course irrigation demand. During the rainy season, treated effluent will be stored at the WWTF or discharged to a leachfield system on trust land. This Order regulates discharges of waste to the fee land portion of the golf club facility, and potential degradation or pollution of surface water or groundwater that

may occur outside of trust land as a result of the discharge. Surface water drainage is to Cache Creek. (ALO)

f. **CHEMICAL WASTE MANAGEMENT, INC., CLASS II/III LANDFILL B-19, BIOREACTOR AND CONTROL UNIT, CLASS II/III LANDFILL B-17, KETTLEMAN HILLS FACILITY, KINGS COUNTY**

Chemical Waste Management, Inc. a wholly-owned subsidiary of Waste Management, Inc. of Texas, owns and operates the Kettleman Hills Facility in Kings County, California. The facility is regulated by WDRs Order No. 98-058 that permits the discharge of hazardous waste to Class I waste management units and the discharge Class II designated and Class III municipal solid waste into a portion of Landfill B-19. The WDRs are being superceded and new WDRs are being proposed for consideration that would permit the addition of nonhazardous supplemental liquids to Landfill B-19 allowing a portion of the unit to be operated as a bioreactor; the construction and operation of new Class II/III Landfill B-17; and, the construction of a evapotranspirative cover system for closure of the landfills. As stated in the proposed Order, operation of Landfill B-19 as a bioreactor would only proceed after U.S. EPA approval of amended State Water Board Resolution No. 93-62. The new WDRs would only regulate the construction of new Landfill B-17, the operation of Class II/III Landfills B-17 and B-19, and their closure. The existing WDRs will continue to regulate the Class I hazardous waste management units. The new WDRs will ensure adequate municipal solid waste disposal capacity for the growing population in the region. The nearest surface water, the California Aqueduct, is about 3.5 miles east of the site at its closest point (JKD).

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____
 Legal Review _____

Regular Board Meeting
 Central Valley Regional Water Quality Control Board
 11020 Sun Center Drive, #200
 Rancho Cordova, CA 95670

26/27 October 2006